SKORPIO™ X3

DATALOGIC

OUTSTANDING USER INTERFACE

Equipped with the largest high-visibility color graphic display (3.2 in) with touch screen in its class, the Skorpio™ X3 mobile computer helps users work more efficiently. Three different keyboards (the 50-key alphanumeric keypad, the 38-key functional keypad and the 28-key numeric keypad) allow data to be input very quickly. Operating systems include your choice of the standard Microsoft Windows Embedded Handheld 6.5 or Windows CE 6.0.

ERGONOMIC AND RELIABLE

This rugged mobile computer is particularly suitable for mobile commerce solutions in the retail environment both on store shelves and in stock rooms. With the best ergonomics on the market, the Skorpio X3 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, multiple drops, strong shocks and repetitive tumbles. The pistol grip model has the most durable and comfortable handle in the industry. Its compact size and light weight combine to offer excellent balance and superior handling.

WIRELESS COMMUNICATION

The Skorpio X3 mobile computer's wireless communication capabilities (Bluetooth® EDR, IEEE 802.11 a/b/g) enable fast transactions and complete interaction with information systems including the newest RF security protocols such as WPA™ and WPA2™. Additionally, Cisco Compatible Extensions CCX v4 certification permits all the advantages offered by the Cisco WLAN infrastructure.

DATALOGIC'S PATENTED 'GREEN SPOT'

Skorpio X3™ mobile computers also include Datalogic's patented 'Green Spot' technology for good-read feedback. This technology projects a green spot directly on the bar code, notifying the user that a successful 'read' has occurred. Both 1D laser scanning and 2D bar code imaging configurations provide an inclined scan engine so that the display can be viewed while reading bar codes. There is no need for the user to turn the wrist in order to scan, thus making it easier to aim and faster to read.

28-key Numeric | 38-key Functional | 50-key Alphanumeric

FEATURES

- Large high visibility color graphic display with touch screen
- Laser scanner or wide aspect 2D imager with Datalogic's patented Green Spot technology for good-read feedback
- Compact, lightweight and robust
- Microsoft Windows Embedded Handheld 6.5 or Microsoft Windows CE 6.0 Operating System
- Summit embedded 802.11 a/b/g radio for enterprise-class mobile connectivity with CCX v4 certification
- Bluetooth® wireless communications 2.0 with EDR
- 1.5 m / 5.0 ft drop resistance
- IP64 protection class
- Wavelink® Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™
- Wavelink® Terminal Emulation pre-licensed on pistol grip models
- Pal™ Application Library pre-licensed
- Attachable handle
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Inventory/Picking
- Shelf replenishment
- Price management
- Order entry
- Assisted sales
- Line busting
- Shipping/Receiving

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TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

LOCAL AREA NETWORK (WLAN)	Summit IEEE 802.11 a/b/g Frequency range: Country dependent, typically 2.4 GHz and 5.2 GHz; Cisco Compatible CCX v4 Security
PERSONAL AREA NETWORK (WPAN)	Bluetooth® wireless technology IEEE 802.15 Class 2 with EDR

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code, Data Matrix, MaxiCode, QR Code, UPU FICS, USPS Intelligent Mail
POSTAL CODES	Australian Post, Japan Post, KIX Code, Planet, Postnet, Royal Mail Code (RM4SCC)
STACKED CODES	Micro PDF, PDF417

ELECTRICAL

BATTERY	Removable battery pack with rechargeable Li-Ion batteries. Local micro-USB connection for fast battery charging. Standard: 3.7 V; 3,000 mAh (11.1 Watt-hours) Extended: 3.7 V; 5,200 mAh (19.2 Watt-hours)

ENVIRONMENTAL

DROP RESISTANCE	Withstands drops from 1.5 m / 5.0 ft onto concrete
PARTICULATE AND WATER SEALING	IP64
TEMPERATURE	Operating: -10 to 50 °C / 14 to 122 °F Storage: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	Main connector with USB 1.1 Host, USB 1.1 Client, RS-232 up to 115.2 Kbps; Micro-USB port for power only, no data communication interface; Ethernet: via single dock (external module) or multiple cradle

PHYSICAL CHARACTERISTICS

DIMENSIONS	Handheld: 19.3 x 7.6 x 4.2 cm (6.1 x 3.5 cm at keyboard) / 7.6 x 3.0 x 1.3 in (2.4 x 1.4 in at keyboard) Pistol Grip: 19.3 x 7.6 x 15.6 cm / 7.6 x 3.0 x 6.2 in
DISPLAY	TFT / Transflective LCD with QVGA 240 x 320 pixel resolution, LED backlight and integrated touch screen, 3.2 in diagonal
KEYBOARD	50-key full alphanumeric, 38-key functional or 28-key numeric keyboard with backlight
WEIGHT	Handheld (with standard battery): 392 g / 13.8 oz Pistol Grip (with standard battery): 482 g / 17.0 oz

READING PERFORMANCE

IMAGING	Good Read Feedback: Datalogic's patented 'Green Spot' for good-read feedback Optical Resolution: Linear codes: 4 mils; 2D codes: 5 mils; Scan Rate: 60 frames/sec maximum Depth of Field: 3.5 to 41.5 cm / 1.4 to 16.4 in, depending on bar code density and type; Wide Aspect Imager with Datalogic's patented 'Green Spot' technology
LASER	Depth of Field: 4.0 to 82.0 cm / 1.5 to 32.3 in, depending on bar code density and type Good Read Feedback: Datalogic's patented 'Green Spot' for good-read feedback; Optical Resolution: 0.10 mm (4 mils); Scan Rate: 104 +/- 12 scans/sec Standard Performance Laser (SPL) with Green Spot

SAFETY & REGULATORY

AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use.
ENVIRONMENTAL COMPLIANCE	Complies to EU RoHS
LASER CLASSIFICATION	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.
LED CLASSIFICATION	Exempt Risk Group IEC/EN62471

SOFTWARE

APPLICATIONS	Pal™ Application Library prelicensed
CONFIGURATION & MAINTENANCE	Wavelink Avalanche® MC prelicensed, Wavelink Avalanche® SE prelicensed, Avalanche Remote Control™, Datalogic Firmware Utility (DFU), Datalogic Desktop Utility (DDU), Datalogic Configuration Utility (DCU)
DEVELOPMENT	Datalogic Windows SDK™, Wavelink® Studio™, MCL-Collection™, Java Virtual Machine
SECURITY	Wavelink CE Secure, Wavelink Certificate Manager
TERMINAL EMULATION	Wavelink® Terminal Emulation™ prelicensed (for Pistol Grip models only)

SYSTEM

COPROCESSOR	Cortex-M3, 32 bit @ 72 MHz
EXPANSION SLOTS	Micro Secure Digital slot (SDHC) up to 32 GB
MICROPROCESSOR	XScale PXA310 @ 624 MHz
MEMORY	Ram Memory: 256 MB Flash Memory: 512 MB (partially used for firmware and reserved data, depending on the OS)
OPERATING SYSTEM	Microsoft Windows CE 6.0 with Microsoft WordPad and Internet Explorer 6.0 Microsoft Windows Embedded Handheld 6.5 with Mobile Tools: Outlook Mobile, Word Mobile, Excel Mobile, PowerPoint Mobile, One Note Mobile and Internet Explorer Mobile 6.0

WARRANTY

WARRANTY	1-Year Factory Warranty

Caution: Laser Radiation - do not stare into beam

ACCESSORIES

Base Stations/Chargers

- 94A150031 Single Slot Dock with Spare Battery Slot (Optional Ethernet or Modem Connection)
- 94A150032 Four Slot Dock (Optional Ethernet Connection)
- 94A150034 Multi Battery Charger

Cases/Holsters

- 94ACC0050 Holster
- 94ACC0052 Rubber Boot

Miscellaneous

- 95ACC0002 Headset VXI VR12

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